

PTO/SB/08A (08-03)

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete If Known**

Sheet	1	of	2	Application Number	10/821,662
				Filing Date	April 9, 2004
				First Named Inventor	Blaney, Jeff
				Art Unit	1639
				Examiner Name	Unassigned
				Attorney Docket Number	022132-001110US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
JL	AA	US-5,758,468	05/26/1998	Bemis, G.W. et al.	
JL	AB	US-6,297,021	10/02/2001	Nienaber, V.L. et al.	
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			
	AO	US-			
	AP	US-			
	AQ	US-			
	AR	US-			
	AS	US-			
	AT	US-			

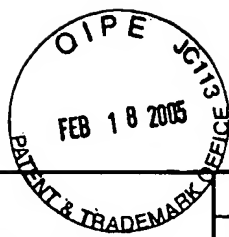
**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AU							<input type="checkbox"/>
	AV							<input type="checkbox"/>
	AW							<input type="checkbox"/>
	AX							<input type="checkbox"/>
	AY							<input type="checkbox"/>
	AZ							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60257907 v1



PTO/SB/08B (08-03)

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2
-------	---	----	---

**Complete if Known**

Application Number	10/821,662
Filing Date	April 9, 2004
First Named Inventor	Blaney, Jeff
Art Unit	1639
Examiner Name	Unassigned
Attorney Docket Number	022132-001110US

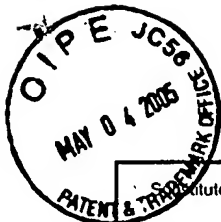
**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JL	BC	Lipinski, C.A. et al. "Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings", <i>Adv. Drug Delivery Rev.</i> (1997) 23:3-25	
JL	BD	Wildman, S.A., et al. "Prediction of Physiochemical Parameters by Atomic Contributions", <i>J. Chem. Inf. Comput. Sci.</i> (1999) 39(5):868-873	
	BE		
	BF		
	BG		
	BH		
	BI		
	BJ		
	BK		
	BL		
	BM		

Examiner Signature	/Jeffrey Lundgren/	Date Considered	10/02/2006
-----------------------	--------------------	--------------------	------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (08-03)

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/821,662
		Filing Date	April 9, 2004
		First Named Inventor	Blaney, Jeff
		Art Unit	1639
		Examiner Name	Not yet assigned
Sheet 1	of 2	Attorney Docket Number	022132-001110US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-			
	AB	US-			
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			
	AO	US-			
	AP	US-			
	AQ	US-			
	AR	US-			
	AS	US-			
	AT	US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JL	AU	PCT	WO02/20436	A2	03/14/2002	Shippis, et al.		<input type="checkbox"/>
	AV	PCT	WO02/05177 5	A2	07/04/2002	Pal, et al.		<input type="checkbox"/>
	AW	PCT	WO99/45379		09/10/1999	Nienaber, et al.		<input type="checkbox"/>
	AX	PCT	WO99/49314		09/30/1999	Ellman, et al.		<input type="checkbox"/>
	AY	PCT	WO97/18471		05/22/1997	Fesik, et al.		<input type="checkbox"/>
	AZ	PCT	WO95/19359		07/20/1995	Rebek, et al.		<input type="checkbox"/>
	BA	PCT	WO03/03343 7	A2	04/24/2003	Steenek, et al.		<input type="checkbox"/>
JL	BB	PCT	WO 2004/ 057340	A1	07/08/2004	Jhoti, et al.		<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

6047992v1

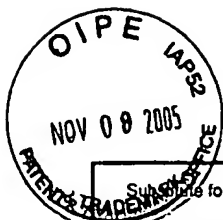
Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/821,662	
			Filing Date	April 9, 2004	
			First Named Inventor	Blaney, Jeff	
			Art Unit	1639	
			Examiner Name	Not yet assigned	
Sheet	2	of	2	Attorney Docket Number	022132-001110US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JL	BC	Iwata, Yoriko, et al. "Discovery of Novel Aldose Reductase Inhibitors Using a Protein Structure-Based Approach: 3D-Database Search Followed by Design and Synthesis", <i>J. Med. Chem.</i> (2001) 44:1718-1728	
	BD	Carr, Robin, et al. "Structure-based screening of low-affinity compounds", <i>DDT</i> (2002) 7(9):522-527	
	BE	Nienaber, Vicki L., et al. "Discovering novel ligands for macromolecules using X-ray crystallographic screening", <i>Nature Biotechnology</i> (2000) 18:1105-1108	
	BF	Teague, Simon T., et al. "The Design of Leadlike Combinatorial Libraries", <i>Angew. Chem. Int. Ed.</i> (1999) 38(24):3743-3748	
	BG	Gaus, Han, J., et al. "Monitoring Solution-Phase Combinatorial Library Synthesis by Capillary Electrophoresis", <i>Biotechnology and Bioengineering</i> (1998) 61(3):169-177	
	BH	Lewis, Warren G., et al. "Click Chemistry in Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks", <i>Angew. Chem. Int. Ed.</i> (2002) 41(6):1053-1057	
	BI	Dauter, Zbigniew, et al. "Practical experience with the use of halides for phasing macromolecular structures: a powerful too for structural genomics", <i>Acta Cryst.</i> (2001) D57:239-249	
	BJ	Dauter, Zbigniew, et al. "Novel approach to phasing proteins: derivatization by short cryo-soaking with halides", <i>Acta Cryst.</i> (2000) D56:232-237	
	BK	Lesuisse, Dominique, et al. "SAR and X-ray. A New Approach Combining Fragment-Based Screening and Rational Drug Design: Application to the Discovery of Nanomolar Inhibitors of Src SH2", <i>J. Med. Chem.</i> (2002) 45:2379-2387	
	BL	Congreve, Miles S., et al. "Detection of Ligands from a Dynamic Combinatorial Library by X-ray Crystallography", <i>Angew. Chem. Int. Ed.</i> (2003) 42:4479-4482	
JL	BM	Nicolaou, K.C., et al. "Solid Phase Synthesis of Complex Natural Products and Libraries Thereof", <i>Biopolymers (Peptide Science)</i> (2001) 60:171-193	

Examiner Signature	/Jeffrey Lundgren/	Date Considered	10/01/2006
-----------------------	--------------------	--------------------	------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



<b>Substitute for form 1449B/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/821,662		
		Filing Date	April 9, 2004		
		First Named Inventor	Blaney, Jeff		
		Art Unit	1639		
		Examiner Name	Jeffrey S. Lundgren		
Sheet	1	of	1	Attorney Docket Number	022132-001110US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JL	BC	RONDISVALLE, G., et al. "Synthesis of Substituted Pyrimidines, Pyrazole[3,4-d]Pyrimidines and Imidazo[4,5-d]Pyrimidines and Evaluation of Their Antifungal Activity", <i>Il Farmaco</i> , (1989) 44(4):383-390	
JL	BD	TEMPEST, Paul A., et al. "Cyclobutenedione Derivatives on Solid Support: Toward Multiple Core Structure Libraries", <i>J. Am. Chem. Soc.</i> (1997) 119:7607-7608	
	BE		
	BF		
	BG		
	BH		
	BI		
	BJ		
	BK		
	BL		
	BM		

Examiner Signature	/Jeffrey Lundgren/	Date Considered	10/01/2006
-----------------------	--------------------	--------------------	------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.